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# PATENT ABSTRACTS OF JAPAN

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(54) CASTER

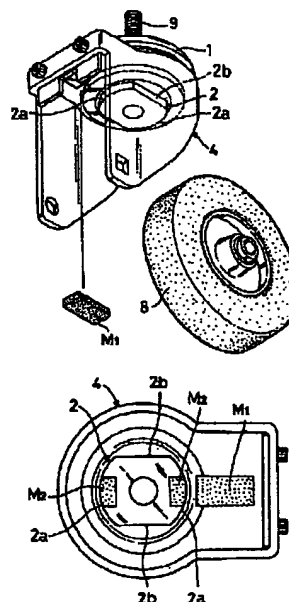
straight with this situation.

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(57) Abstract:

**PURPOSE:** To ease switching of an advance direction of a caster by installing a magnet, which gives magnetic force to a periphery on a long diameter side of a cam, in a wheel receiving frame.

**CONSTITUTION:** When a mobile body is to go backward, a wheel receiving frame 4 is rotated with the force overcoming the magnetic force of a magnet M1, so that a periphery 2a on a long diameter side of a cam 2 is not affected by the magnetic force of the magnet M1. Next, the wheel receiving frame 4 is further rotated until it comes to be rotated by an angle of 180° from the initial state, so that the periphery 2a on the long diameter side and on the opposite side of the cam 2 is affected by the magnetic force of the magnet M1. In this state, the cam 2 tends to maintain a state, in which the periphery 2a on the long diameter side is near to the magnet M1, and moreover tends to go back to the state, in which the periphery 2a on the longest diameter side most approaches the magnet M1. Accordingly, the caster shows an excellent characteristic of going



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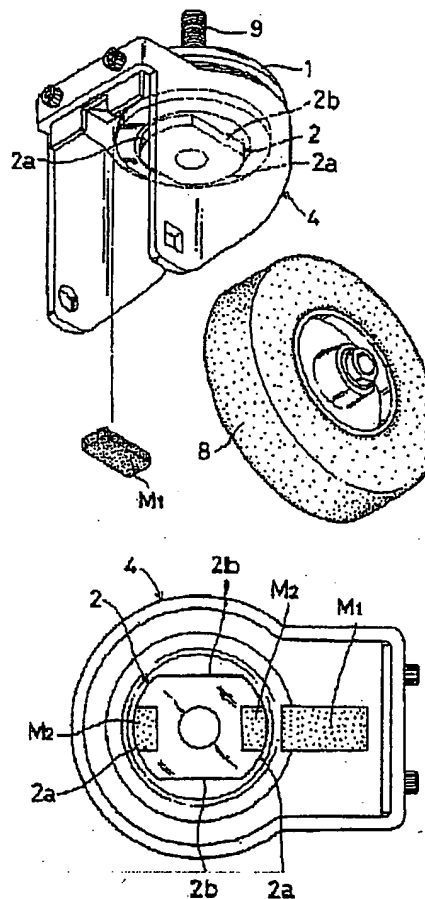
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APPLICANT : HANMAA KIYASUTAA KK;

INVENTOR : ASAI KIYOHARU;

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TITLE : CASTER



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